## **INDEX**

25-mm automatic gun, 4-4	casualties
characteristics, 7-28	chemical, F-1
countersniper, 6-12	considerations for, 13-13
	evacuation of, 4-2, 4-43, 13-14, 13-19,
aerial weapons, 7- 37	13-24
AC130, 1- 19	from smoke inhalation, 3-63, F-3
attack helicopters, 9-1, 9-10	noncombatant, 1-6
lessons learned, H-4, H-7, H-11	reporting, 13-3
platforms, 10-16	sustaining high number of, 4-47
air defense, 12-5	city core,
defensive operations, 5-25	description, 2-3
ambush	population analysis, G-3
antiarmor, 5-52-53	terrain analysis matrix, 2-10
armor, 5-54	types of structures, 2-20
delaying, 5-30	clearing, 3-22
vulnerable to, 4-5, 4-14	along a route, 4-38
antitank guided missiles	fundamentals of precision, 3-24
(antiarmor weapons)	high-intensity versus precision, 3-22
ATGM, 7-17	obstacles, 3-10
firing positions, 3- 54	room, 3-29, 4-52
Hellfire, 7-37	combat service support, 13-1
in the offense, 4-5, 4-43, 4-53,	combat support, 12-1
4-62	command and control
in the defense, 5-23, 5-34, 5-38,	defensive, 5-8
5-51	offensive, 4-11
Javelin, 7-15	communications, L-1
Army aviation, 9-1	air-to-ground, 9-12
analysis, 2-40	C4I, 10-1
brigade task organization, 4-17	in the defense, 5-33, 5-48
	limitations, 4-8, 5-9
<b>BFV</b> , C-11	mortars, 12-2
direct fire support, 4-3, 4-53	other, 4-12
in the attack, 4-31	radio, 4-11
in the defense, 5-6, 5-15, 5-23,	urban, 1-13
5-26, 5-31, 5-34	verbal, 3-45
route security, 4-39	core periphery
task-organized light/heavy, 4-43	description, 2-3
vulnerability, 4-5	population analysis, G-3
building analysis, 2-15	terrain analysis matrix, 2-10
<b>a</b> 2 (7	types of structures, 2-20
camouflage, 3- 67	countersniper
defensive positions, 5-32	planning, 6-9
	TTP. 6-11

cover and concealment	ADA, 12-5
as camouflage, 3-67	defensive employment, 5-23
during movement, 3-1	field artillery, 12-4
in the defense, 5-4	mortars,12-1
in the offense, 4-9	offensive considerations, 4-3
when infiltrating, 4-36	sniper, 6-2
<i>5</i> ,	tank cannon, 7-32
defensive operations, 5-1	firing positions
fire support, 10-2	air defense missiles, 5-25
framework, 5-7	antitank weapons, 3-54
priority of work, 5-16, 5-44	defense against armor, 5-52
snipers, 6-3	machine gun, 3-57, 3-58
use of demolitions, 8-14	sniper, 3-53, 6-4
deliberate attack, 4-17	flame weapons
battalion TF, 4-31	defense against, 3-62
clearing techniques, 3-22	defense against enhanced, 3-63
company team, 4-44	employment and effects, 7-20
platoon,4-66	threat capability, 2-38
offensive framework, 4-15	fratricide
demolitions, 8-12	avoidance, 1-23
breaching, 3-26	lessons learned, H-3, H-5
field expedient breaching, 8-19	full spectrum operations, 1-4
safety, 8-18	run spectium operations, i
types of/effects of, 7-39	grenade launcher
direct fire	40-mm, 7-7
artillery, 7-37,10-19	countersniper, 6-12
planning and control, 4-58	M203, 3-10, 3-18
support, 4-3	tank smoke, 7-34
weapons, 4-52	WARNING, 3-19
weapons, 4-32	WARRING, 5-17
engineers, 12-7	hand grenades
in the assault, 4-43	effects, 7-25
staff planning, 11-4	employment, 7-23
r8,	high expenditure, 1-14
field artillery	M14TH3 incendiary, 7-20, 7-22
combat support, 12-4	M67 fragmentation, 3-16, 7-25
employment and effects, 7-36	M84 stun, 3-17, 7-24
in direct fire mode, 10-19	MK3A2 concussion, 3-16, 7-24
fighting positions, 3-47	use of, 3-15
armored vehicles, C-9	hasty attack, 4-15
hasty, 3-47	air-ground integration, 9-12
prepared, 3-50	battalion, 4-16
selection and preparation, 5-17,	
5-45	company, 4-53
	helicopters, Chapter 9
fire support, 10-1	aerial observers, 1-19
25-mm automatic gun, 7-28	defend against, 5-49

MPAT used against, 7-35	mouseholes
high rise areas, 2-6	definition, 7-2
loopholes, 3-49	<b>NBC,</b> F-1
avoid, 3-68	naval gunfire
definition, 7-2	employment and effects, 7-36
firing from, 3-57	
machine gun, 3-58	OPCON
<i>C</i> ,	communications, 1-13
M16 rifle/M4 carbine	MP's, 12-8
employment and effects, 7-2	rehearsals/training, 1-24
M249 SAW	observation post
employment and effects, 7-2	countersniper, 6-11
machine guns	defensive preparation, 5-45, 5-46
employment, 4-52, 5-38	target acquisition, 3-60
employment and effects, 7-4	obstacles, 8-1
high expenditure of ammunition,	defensive, 5-4, 5-13, 5-35, 5-48
1-14	emplace, 5-18, 5-32
medium and heavy, 7-4	special terrain considerations, 2-9
positioning, 3-56, 5-17	offensive operations, 4-1
target engagements, 1-18	battalion task force, 4-29
medical	brigade, 4-17
considerations, 13-13	communications, 1-13
personnel, 1-19	company team, 4-41
services, 1-11	framework, 4-15
supplies (Class VIII), 13-5	isolate, 1-15, 4-46
METT-TC	handling noncombatants, 1-21
definition, 1-2	phases of deliberate attack, 4-17
military maps, 2-11	platoon, 4-62
military police, 12-8	transition from, 4-29, 4-35
convoy escort, 14-15	types of, 4-21
personnel services, 13-12	
Provost Marshal, 13-30	recoilless weapons, 7-9
mines, 8-8	fighting positions, 3-54
emplacing, 5-18	in the offense, 4-5
employment techniques, 8-8	reconnaissance
in the defense, 5-13	and security, 5-36
obstacles, 8-1	assess, 4-19
mortars	aviation, 9-1
employment and effects, 7-27	by fire, 1-18
in the defense, 5-22, 5-34	HUMINT, 1-14
in the offense, 4-3	in the defense, 5-11
threat tactics, 2-36	objective, 4-31, 4-44
tactics, techniques, procedures,	platoon, 4-6
K-1	riot control agents, F-3
use of, 12-1	nonlethal, 1-19

rules of engagement (ROE), A-1	light infantry and armor vehicles, C-1
battle analysis, 2-41	other CSS, 13-10
changes to, 4-9	threat tactics, 2-36
example of, A-2	tank cannon
precision UO, 1-3	characteristics, 7-31
when clearing, 3-29	deadspace, 7-32, 7-33
<u>-</u>	effects and employment, 7-33, 7-34
smoke operations, F-3	MPAT, 7-35
snipers, Chapter 6	overpressure, 7-34
isolating objectives, 4-20	task force (TF)
offensive maneuver, 4-5	battalion defense, 5-22
operational factors, 2-32	battalion offense, 4-30
positions, 3-53	defensive framework, 5-8
threat doctrine, 2-35	offensive framework, 4-15
urban characteristics, 1-15	task organization, 4-30
supply	techniques, 1-23
and movement functions, 13-4	air-ground integration, 9-12
company resupply, 13-5	breaching, 3-25
CSS, 13-1	brigade offensive, 4-21
LOGPAC, 13-6	communications, L-1
MSR, 13-1	direct fire control, 4-61
routes,5-45	entry, 3-8, 3-12
stockpile, 5-41	for entering and clearing, 3-28
TTP, 13-10	hallway clearing, 3-40
•	mine employment, 8-8
tactical air	movement, 3-1
close air support, 10-16, 10-18	movement within a building, 3-39
control party, 10-16, 10-18	precision clearing, 3-22
control team, 9-19	room marking, I-1
ETAC, 10-16	use of mortars, K-1
tactics, techniques, and procedures	terrain
(TTP)	analysis, 2-3
attack helicopters, 9-5	aviation risk assessment, 9-20
battalion TF defense, 5-26	offensive considerations, 4-9
clearing buildings and rooms,	control the essential, 1-10
3-28	key terrain, 5-4
company support team (CST),	special considerations, 2-9
13-6	three dimensional, 1-14
countersniper, 6-11	world-wide descriptions, 2-2
for howitzers in direct fire, 10-19	threat, 2-34
for marking buildings and rooms,	aviation risk assessment, 9-20
I-2	conventional forces, 2-31, 2-34, G-31
for mortars, K-1	crime, G-33
fratricide avoidance, 1-23	doctrine, 2-35
battalion TF offense, 4-29	insurgent, G-32
company team attack, 4-41	mines and booby-traps, 8-11

offensive focus, 4-13
paramilitary, G-32
symmetrical and asymmetrical,
1-6
tactics, 2-36
TIM, F-13
vehicle engagements, 7-10

## weather

aviation risk assessment, 9-20 METT-TC factors, 5-4 special weather considerations, 2-12